

WEST**Freeform Search****Database:**

US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Term:

L8 and (relevan\$ near3 value)

Display: **Documents in Display Format:** **Starting with Number** **Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

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Interrupt

Main Menu

Show S Numbers

Edit S Numbers

Preferences

Cases

Search History**DATE:** Saturday, October 18, 2003 [Printable Copy](#) [Create Case](#)**Set Name Query**
side by side**Hit Count Set Name**
result set

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L9</u>	L8 and (relevan\$ near3 value)	21	<u>L9</u>
<u>L8</u>	I7 and ((term or word) near3 position)	274	<u>L8</u>
<u>L7</u>	I2 and L6	2153	<u>L7</u>
<u>L6</u>	(word and position and (segment or part or segment) and document)	36688	<u>L6</u>
<u>L5</u>	I1 and I2	0	<u>L5</u>
<u>L4</u>	L3	0	<u>L4</u>
<u>L3</u>	I1 and I2L2	0	<u>L3</u>
<u>L2</u>	((707/\$)!.CCLS.)	17045	<u>L2</u>
<u>L1</u>	(word and position and (segment or part or segment) and document).ab.	333	<u>L1</u>

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 20 of 21 returned.**☐ 1. Document ID: US 20030074353 A1

L9: Entry 1 of 21

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074353

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030074353 A1

TITLE: Answer retrieval technique

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Berkan, Riza C.	Annapolis	MD	US	
Valenti, Mark E.	Knoxville	TN	US	

US-CL-CURRENT: [707/5](#); [707/3](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw Desc	Image
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☐ 2. Document ID: US 20030033292 A1

L9: Entry 2 of 21

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030033292

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030033292 A1

TITLE: System and method for enabling multi-element bidding for influencing a position on a search result list generated by a computer network search engine

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Meisel, Ted	Los Angeles	CA	US	
Savich, Peter	Seattle	WA	US	
Soulanille, Thomas A.	Pasadena	CA	US	

US-CL-CURRENT: [707/3](#); [705/14](#); [705/37](#); [707/104.1](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 3. Document ID: US 20030018621 A1

L9: Entry 3 of 21

File: PGPB

Jan 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030018621

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030018621 A1

TITLE: Distributed information search in a networked environment

PUBLICATION-DATE: January 23, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Steiner, Donald	Richmond	CA	US	
Kolb, Michael	Richmond	CA	US	

US-CL-CURRENT: 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 4. Document ID: US 20020123989 A1

L9: Entry 4 of 21

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020123989

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020123989 A1

TITLE: Real time filter and a method for calculating the relevancy value of a document

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kopelman, Arik	Hod-Hasharon		IL	
Windreich, Guy	Rishon Lezion		IL	
Anvi, Michal	Tel Aviv		IL	

US-CL-CURRENT: 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 5. Document ID: US 20020087515 A1

L9: Entry 5 of 21

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020087515

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020087515 A1

TITLE: Data acquisition system

PUBLICATION-DATE: July 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Swannack, Christopher Martyn	Cambridge		GB	
Coppin, Benjamin Kenneth	Cambridge		GB	
Grant, Calum Anders McKay	Cambridge		GB	
Charlton, Christopher Toby	Cambridge		GB	

US-CL-CURRENT: 707/2; 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC	Draw Desc	Image
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☐ 6. Document ID: US 20020078035 A1

L9: Entry 6 of 21

File: PGPB

Jun 20, 2002

PGPUB-DOCUMENT-NUMBER: 20020078035

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020078035 A1

TITLE: Spatially coding and displaying information

PUBLICATION-DATE: June 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Frank, John R.	Cambridge	MA	US	
Rauch, Erik M.	Park Ridge	NJ	US	
Donoghue, Karen	Arlington	MA	US	

US-CL-CURRENT: 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC	Draw Desc	Image
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☐ 7. Document ID: US 6549896 B1

L9: Entry 7 of 21

File: USPT

Apr 15, 2003

US-PAT-NO: 6549896

DOCUMENT-IDENTIFIER: US 6549896 B1

TITLE: System and method employing random walks for mining web page associations and usage to optimize user-oriented web page refresh and pre-fetch scheduling

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Candan; Kasim Selcuk	Mountain View	CA		
Li; Wen-Syan	Fremont	CA		

US-CL-CURRENT: 707/2; 707/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC	Draw Desc	Image
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☐ 8. Document ID: US 6526440 B1

L9: Entry 8 of 21

File: USPT

Feb 25, 2003

US-PAT-NO: 6526440

DOCUMENT-IDENTIFIER: US 6526440 B1

TITLE: Ranking search results by reranking the results based on local inter-connectivity

DATE-ISSUED: February 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bharat; Krishna	Santa Clara	CA		

US-CL-CURRENT: 709/219; 707/3, 707/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC	Draw Desc	Image
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☐ 9. Document ID: US 6480835 B1

L9: Entry 9 of 21

File: USPT

Nov 12, 2002

US-PAT-NO: 6480835

DOCUMENT-IDENTIFIER: US 6480835 B1

TITLE: Method and system for searching on integrated metadata

DATE-ISSUED: November 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Light; John	Beaverton	OR		

US-CL-CURRENT: 707/3; 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 10. Document ID: US 6418431 B1

L9: Entry 10 of 21

File: USPT

Jul 9, 2002

US-PAT-NO: 6418431

DOCUMENT-IDENTIFIER: US 6418431 B1

**** See image for Certificate of Correction ****

TITLE: Information retrieval and speech recognition based on language models

DATE-ISSUED: July 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mahajan; Milind V.	Redmond	WA		
Huang; Xuedong D.	Redmond	WA		

US-CL-CURRENT: 707/4; 704/257, 704/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 11. Document ID: US 6314419 B1

L9: Entry 11 of 21

File: USPT

Nov 6, 2001

US-PAT-NO: 6314419

DOCUMENT-IDENTIFIER: US 6314419 B1

TITLE: Methods and apparatus for generating query feedback based on co-occurrence patterns

DATE-ISSUED: November 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Faisal; Mohammad	San Mateo	CA		

US-CL-CURRENT: 707/2; 707/3, 707/5, 707/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 12. Document ID: US 6012053 A

L9: Entry 12 of 21

File: USPT

Jan 4, 2000

US-PAT-NO: 6012053

DOCUMENT-IDENTIFIER: US 6012053 A

TITLE: Computer system with user-controlled relevance ranking of search results

DATE-ISSUED: January 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pant; Sangam	Winchester	MA		
Andre; David L.	Belmont	MA		
Watson; Gray	Pittsburgh	PA		
Green; Richard M.	Pittsburgh	PA		
Schiegg; Michael J.	McKeesport	PA		

US-CL-CURRENT: 707/3, 345/866, 345/968, 700/4, 707/4, 707/5, 707/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KIMC	Draw Desc	Image
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☐ 13. Document ID: US 5907836 A

L9: Entry 13 of 21

File: USPT

May 25, 1999

US-PAT-NO: 5907836

DOCUMENT-IDENTIFIER: US 5907836 A

TITLE: Information filtering apparatus for selecting predetermined article from plural articles to present selected article to user, and method therefore

DATE-ISSUED: May 25, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sumita; Kazuo	Yokohama			JP
Sakai; Tetsuya	Tokyo			JP
Kajiura; Masahiro	Fujisawa			JP
Ono; Kenji	Fujisawa			JP
Miike; Seiji	Yokohama			JP

US-CL-CURRENT: 707/2, 707/10, 707/3, 707/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 14. Document ID: US 5832480 A

L9: Entry 14 of 21

File: USPT

Nov 3, 1998

US-PAT-NO: 5832480

DOCUMENT-IDENTIFIER: US 5832480 A

TITLE: Using canonical forms to develop a dictionary of names in a text

DATE-ISSUED: November 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Byrd, Jr.; Roy Jefferson	Ossining	NY		
Choi; Misook A.	Mt. Kisco	NY		
Ravin; Yael	Mt. Kisco	NY		
Wacholder; Faye Nina	Roslyn Heights	NY		

US-CL-CURRENT: 707/5; 704/10, 704/2, 704/8, 704/9, 707/1, 715/532, 715/536

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 15. Document ID: US 5819265 A

L9: Entry 15 of 21

File: USPT

Oct 6, 1998

US-PAT-NO: 5819265

DOCUMENT-IDENTIFIER: US 5819265 A

TITLE: Processing names in a text

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ravin; Yael	Mt. Kisco	NY		
Choi; Misook A.	Mt. Kisco	NY		
Wacholder; Faye Nina	Roslyn Heights	NY		

US-CL-CURRENT: 707/5; 704/10, 704/2, 704/270.1, 704/8, 704/9, 707/1, 715/532, 715/536

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RWMC	Draw Desc	Image
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☐ 16. Document ID: US 5781904 A

L9: Entry 16 of 21

File: USPT

Jul 14, 1998

US-PAT-NO: 5781904

DOCUMENT-IDENTIFIER: US 5781904 A

TITLE: User interface system and method for traversing a database

DATE-ISSUED: July 14, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oren; Timothy R.	Sunnyvale	CA		
Kreitman; Kristee M.	Atherton	CA		
Salomon; Gitta B.	Palo Alto	CA		

US-CL-CURRENT: 707/100; 345/968, 707/2, 707/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 17. Document ID: US 5659742 A

L9: Entry 17 of 21

File: USPT

Aug 19, 1997

US-PAT-NO: 5659742

DOCUMENT-IDENTIFIER: US 5659742 A

TITLE: Method for storing multi-media information in an information retrieval system

DATE-ISSUED: August 19, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beattie; James T.	Audubon	PA		
Husick; Lawrence A.	Wayne	PA		
Krupit; Michael S.	Newtown	PA		
Morgan; Howard	Villanova	PA		

US-CL-CURRENT: 707/104.1; 707/2, 707/3, 707/4, 707/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 18. Document ID: US 5408655 A

L9: Entry 18 of 21

File: USPT

Apr 18, 1995

US-PAT-NO: 5408655

DOCUMENT-IDENTIFIER: US 5408655 A

TITLE: User interface system and method for traversing a database

DATE-ISSUED: April 18, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Oren; Timothy R.	Sunnyvale	CA		
Kreitman; Kristee M.	Atherton	CA		
Salomon; Gitta B.	Palo Alto	CA		

US-CL-CURRENT: 715/501.1; 345/706, 345/968, 707/104.1, 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 19. Document ID: US 5321833 A

L9: Entry 19 of 21

File: USPT

Jun 14, 1994

US-PAT-NO: 5321833

DOCUMENT-IDENTIFIER: US 5321833 A

TITLE: Adaptive ranking system for information retrieval

DATE-ISSUED: June 14, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chang; Shih-Chio	Chelmsford	MA		
Chow; Anita	Nashua	NH		
Du; Min-Wen	Acton	MA		

US-CL-CURRENT: 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 20. Document ID: US 4939689 A

L9: Entry 20 of 21

File: USPT

Jul 3, 1990

US-PAT-NO: 4939689

DOCUMENT-IDENTIFIER: US 4939689 A

TITLE: Outline-driven database editing and retrieval system

DATE-ISSUED: July 3, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Davis; Mary L.	Brookline	MA		
Rose; David	Brookline	MA		
Barrow; Michael D.	Somerville	MA		

US-CL-CURRENT: 707/102

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMIC	Draw Desc	Image
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Terms	Documents
L8 and (relevan\$ near3 value)	21

Display Format: [Change Format](#)[Previous Page](#)[Next Page](#)

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 21 through 21 of 21 returned.**☐ 21. Document ID: US 4823306 A

L9: Entry 21 of 21

File: USPT

Apr 18, 1989

US-PAT-NO: 4823306

DOCUMENT-IDENTIFIER: US 4823306 A

TITLE: Text search system

DATE-ISSUED: April 18, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Barbic; Federico	Bergamo			IT
Choy; David M.	Los Altos	CA		

US-CL-CURRENT: 707/5[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KWIC](#) | [Draw Desc](#) | [Image](#)[Generate Collection](#)[Print](#)

Terms	Documents
L8 and (relevan\$ near3 value)	21

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